

### **Report Narrative (cont'd)**

due to estimated integrations. Benzyl alcohol is qualified as estimated in sample 0908013-23 for the same reason.

Benzyl Alcohol, 2-Methylphenol, 3-&/or 4-Methylphenol are qualified as estimated in sample 0908013-16 because the associated internal standard is outside QC limits.

4-Chloro-3-methylphenol is qualified as estimated in sample 0908013-18 due to inconsistent concentrations found between analyses.

The reporting limit for 2,4-Dimethylphenol was raised in sample 0908013-24 because the result was confirmed below calibration in a dilution but could not be seen in the undiluted analysis.

The surrogate Phenol-d5 fails low in samples 0908013-01 and 0908013-17. In sample 0908013-01 the surrogate fails low due to a high concentration of Phenol present; however, Phenol was reported from a dilution where the surrogate recovery was acceptable. No bias was placed on sample results. Phenol is qualified as low biased in 0908013-17 due to low failure of associated surrogate.

The surrogate 2,4,6-Tribromophenol fails high in samples 0908013-02 and 0908013-05. The surrogate 2-Fluorophenol fails low in sample 0908013-13. There were no associated targets.

Benzoic acid, where reported, is qualified as estimated due to chromatography problems with calibration.

There are several failures in the MS and MSD. Of those the following are significant:

Benzaldehyde, Caprolactam, and Acetophenone all had coelutions making identification of peaks difficult. The RLs were raised for these analytes in the source sample 0908013-13 to ensure non-detects are accurate. The RLs were raised for bis(2-Chloroisopropyl)ether and 2-Methylphenol in the source sample due to low recoveries to ensure that non-detects are accurate. The amount spiked for Naphthalene was inadequate to properly calculate recoveries and RPD. No bias was placed on source results. All other failures were not detected in the source sample and are not significant.

Three analytes fail low in B9H1205-BS1 and all are significant. Benzyl alcohol is qualified as low biased in the associated samples 0908013-15RE1 and 0908013-18. The reporting limits were raised for the other two analytes 2,4-Dinitrophenol and Hexachlorocyclopentadiene in the same samples due to low failures to ensure that non-detects are accurate.

#### **Organic TCLP:**

TCLPs were prepared outside holding time. All results should be considered minimum values.

#### **TCLP semi-volatiles:**

2-Methylphenol failed high in all four matrix spikes. 3- and/or 4-Methylphenol failed high in three of four matrix spikes. The amount spiked was inadequate to properly calculate recoveries and RPDs. No bias was placed on source results.